



Atty Dkt 9000-0055
PATENT

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4/10/02
Date

Pat Simms
Signature

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

BOLTON et al.

Serial No.: 09/878,781

Group Art Unit: Unassigned

Filing Date: June 11, 2001

Examiner: Unassigned

Title: IMMUNIZATION OF DAIRY CATTLE WITH GapC PROTEIN AGAINST
STREPTOCOCCUS INFECTION

TRANSMITTAL LETTER

Assistant Commissioner for Patents

Washington, D.C. 20231

Sir:

Transmitted herewith for filing is a Supplemental Information Disclosure Statement; copy of Search Report, and a Form PTO-1449 and copies of the cited references. It is believed that no fee is due.

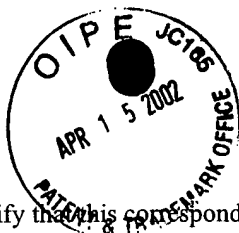
The Commissioner is hereby authorized to charge any fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 which may be required by this paper, or to credit any overpayment, to Deposit Account No. 18-1648.

Respectfully submitted,

Date: 4/10/02

By: Roberta L. Robins
Roberta L. Robins
Registration No. 33,208

ROBINS & PASTERNAK LLP
545 Middlefield Road, Suite 180
Menlo Park, CA 94025
Telephone: (650) 325-7812
Facsimile: (650) 325-7823



Atty Dkt 9000-0055
PATENT

#1

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on April 10, 2002.

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Date

Pat Demers
Signature

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INFORMATION DISCLOSURE STATEMENT

UNDER 37 C.F.R. § 1.97

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

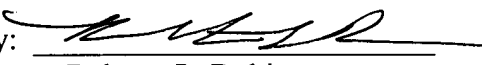
The information listed on the attached PTO-1449 forms was cited in an International (PCT) Search Report dated March 1, 2002, in a PCT application corresponding to the above-identified U.S. application. A copy of the Search Report, including an indication of the purported relevance of the cited documents, is enclosed herewith. Copies of the information not previously cited to the Examiner, and a completed PTO-1449 form, are also submitted herewith. The Examiner is requested to make this information of official record in the application.

This Supplemental Information Disclosure Statement is not to be construed as a representation that: (i) additional information material to the examination of this application does not exist; (ii) the information, protocols, results and the like reported by third parties

are accurate or enabling; or (iii) the above information constitutes prior art to the subject invention.

Respectfully submitted,

Date: 4/10/02

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545 Middlefield Road, Suite 180
Menlo Park, CA 94025
Telephone: 650-325-7812
Facsimile: 650-325-7823

COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231



Atty Dkt No. 9000-0055

FORM PTO-1449 (Modified)
LIST OF PATENTS AND PUBLICATIONS
FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT
(Use several sheets if necessary)
Sheet 1 of 1

In the Application of BOLTON et al.

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U.S. PATENT DOCUMENTS

Exam. Init.	Ref. Desig.	Document No.	Date	Name	Class	Sub Class	Filing Date
	AA-2						

FOREIGN PATENT DOCUMENTS

Exam. Init.	Ref. Desig.	Document No.	Publication Date	Country or Patent Office	Class	Sub Class	Translation YES	NO
	AB-2	WO 96/41879	December 27, 1996	PCT				
	AC-2	WO 98/18930	May 7, 1998	PCT				
	AD-2	WO 99/42588	August 26, 1999	PCT				

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

Exam. Init.	Ref. Desig.	Description
	AE-2	Finch et al., "Further Studies on the Efficacy of a Live Vaccine Against Mastitis Caused by <i>Streptococcus Uberis</i> ," <i>Vaccine</i> <u>15</u> (10):1138-1143 (1997)
	AF-2	Gase et al., "Cloning Sequencing and Functional Overexpression of the <i>Streptococcus Equisimilis</i> H46A gapC Gene Encoding a Glyceraldehyde-3-Phosphate Dehydrogenase that also Functions as a Plasmin(ogen)-Binding Protein. Purification and Biochemical Characterization of the Protein," <i>European Journal of Biochemistry</i> <u>239</u> (1):42-51 (1996)

Examiner:

Date Considered:

EXAMINER: Initial if citation considered whether or not the citation conforms with MPEP609. Draw a line through the citation if not in conformance and not considered. Include copy of this form with next communication to applicant.